



# Federal Emergency Management Agency

Washington, D.C. 20472

**JUL 02 2002**

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED

IN REPLY REFER TO:  
Case No.: 01-09-559P

The Honorable Zev Yaroslavsky  
Chairperson, Los Angeles County  
Board of Supervisors  
821 Kenneth Hahn Hall of Administration  
500 West Temple Street  
Los Angeles, CA 90012

Community: Los Angeles County, CA  
Community No.: 065043  
Panels Affected: 0340 B, 0345 B, and **0475 B**  
Effective Date of  
This Revision: **OCT 24 2002**

102-I-A-C

Dear Mr. Yaroslavsky:

This responds to a request that the Federal Emergency Management Agency (FEMA) revise the effective Flood Insurance Rate Map (FIRM) and Flood Insurance Study (FIS) report for your community in accordance with Part 65 of the National Flood Insurance Program (NFIP) regulations. In a letter dated March 12, 2001, Mr. Rod H. Kubomoto, Assistant Deputy Director, Watershed Management Division, Department of Public Works, County of Los Angeles, requested that FEMA revise the FIRM and FIS report to show the effects of a revised hydrologic analysis and updated topographic information along the Santa Clara River from the county boundary with Ventura County to State Highway 126 (SH126); along San Martinez Chiquito Canyon from its confluence with the Santa Clara River to approximately 9,000 feet upstream; and along San Martinez Grande Canyon Creek from its confluence with the Santa Clara River to approximately 6,000 feet upstream.

All data required to complete our review of this request were submitted with letters from \_\_\_\_\_, Senior Project Manager, Sikand Engineering Associates, and Mr. Kubomoto. Because this Letter of Map Revision (LOMR) is based on flood hazard information meant to improve upon that shown on the flood map or within the flood study, and does not partially or wholly incorporate manmade modifications within the Special Flood Hazard Area (SFHA), fees were not assessed for the review. The SFHA is the area that would be inundated by the flood having a 1-percent chance of being equaled or exceeded in any given year (base flood).

We have completed our review of the submitted data and the flood data shown on the effective FIRM and in the effective FIS report. We have revised the FIRM and FIS report to modify the elevations, floodplain boundary delineations, and zone designations of the base flood along the Santa Clara River from the county boundary with Ventura County to SH126; along San Martinez Chiquito Canyon from its confluence with the Santa Clara River to approximately 9,000 feet upstream; and along San Martinez Grande Canyon Creek from its confluence with the Santa Clara River to approximately 6,000 feet upstream. As a result of the modifications, the Base Flood Elevations (BFEs) for the Santa Clara River increased, and the width of the SFHA increased in some areas and decreased in other areas; the BFEs for

San Martinez Chiquito Canyon decreased, and the width of the SFHA increased in some areas and decreased in other areas; and the width of the SFHA for San Martinez Grande Canyon Creek increased in some areas and decreased in other areas. The zone designation for the Santa Clara River was changed from Zone A, an SFHA with no BFEs determined, to Zone AE and Zone A2, SFHAs with BFEs determined. The zone designation for the overbanks of San Martinez Chiquito Canyon was changed from Zone AO (Depth 2), an SFHA subject to shallow flooding with average depths of 2 feet, to Zone A. The modifications are shown on the enclosed annotated copies of FIRM Panels 0340 B, 0345 B, and 0475 B; Profile Panels 190P through 195P; and affected portions of the Summary of Discharges Table. This LOMR hereby revises the above-referenced panels of the effective FIRM, all dated December 2, 1980, and the affected portions of the FIS report dated July 6, 1998.

The modifications are effective as of the date shown above. The map panels as listed above and as modified by this letter will be used for all flood insurance policies and renewals issued for your community.

The following table is a partial listing of existing and modified BFEs:

Location	Existing BFE (feet)*	Modified BFE (feet)*
Santa Clara River:		
Approximately 100 feet upstream of Ventura County boundary	None	841
At SH126	None	1,064
San Martinez Chiquito Canyon:		
At Southern Pacific Railroad	2 <sup>#</sup>	None
Approximately 9,000 feet upstream of confluence with Santa Clara River	2 <sup>#</sup>	None

\*Referenced to the National Geodetic Vertical Datum, rounded to the nearest whole foot

<sup>#</sup>Depth in feet above ground

Public notification of the proposed modified BFEs will be given in the *Los Angeles Times* on or about July 18 and July 25, 2002. A copy of this notification is enclosed. In addition, a notice of changes will be published in the *Federal Register*. Within 90 days of the second publication in the *Los Angeles Times*, any interested party may request that FEMA reconsider the determination made by this LOMR. Any request for reconsideration must be based on scientific or technical data. All interested parties are on notice that, until the 90-day period elapses, the determination to modify the BFEs made by this LOMR may itself be modified.

Please note that as part of this revision, the format of FIRM Panels **0340 B** and **0475 B** has changed. In the new format, all BFEs, cross sections, zone designations, and floodplain boundary delineations are

shown on the FIRM. Some flood insurance zone designations were changed to reflect the new format. Areas previously shown as Zones A1-A30 were changed to Zone AE, those shown as Zone B were changed to Zone X (shaded), and those shown as Zone C were changed to Zone X (unshaded). In addition, all zone designations and reach determinations were removed from the profile panels in the FIS report.

Because this LOMR will not be printed and distributed to primary users, such as local insurance agents and mortgage lenders, your community will serve as a repository for these new data. We encourage you to disseminate the information reflected by this LOMR throughout the community, so that interested persons, such as property owners, local insurance agents, and mortgage lenders, may benefit from the information. We also encourage you to prepare a related article for publication in your community's local newspaper. This article should describe the assistance that officials of your community will give to interested persons by providing these data and interpreting the NFIP maps.

This LOMR is based on minimum floodplain management criteria established under the NFIP. Your community is responsible for approving all floodplain development and for ensuring all necessary permits required by Federal or State law have been received. State, county, and community officials, based on knowledge of local conditions and in the interest of safety, may set higher standards for construction in the SFHA. If the State, county, or community has adopted more restrictive or comprehensive floodplain management criteria, these criteria take precedence over the minimum NFIP criteria.

This determination has been made pursuant to Section **206** of the Flood Disaster Protection Act of **1973** (Public Law **93-234**) and is in accordance with the National Flood Insurance Act of **1968**, as amended (Title XIII of the Housing and Urban Development Act of **1968**, Public Law **90-448**), **42 U.S.C. 4001-4128**, and **44 CFR Part 65**. Pursuant to Section **1361** of the National Flood Insurance Act of **1968**, as amended, communities participating in the NFIP are required to adopt and enforce floodplain management regulations that meet or exceed minimum NFIP criteria. These criteria are the minimum and do not supersede any State or local requirements of a more stringent nature. This includes adoption of the effective FIRM to which the regulations apply and the modifications described in this LOMR. Our records show that your community has met this requirement.

A Consultation Coordination Officer (CCO) has been designated to assist your community. The CCO will be the primary liaison between your community and FEMA. For information regarding your CCO, please contact:

Mr. Jack Eldridge  
Chief, Community Mitigation Programs Branch  
Federal Emergency Management Agency, Region IX  
1111 Broadway Street, Suite **1200**  
Oakland, CA **94607-4052**  
**(510) 627-7184**

If you have any questions regarding floodplain management regulations for your community or the NFIP in general, please call the CCO for your community at the telephone number cited above. If you have any questions regarding this LOMR, please call our Map Assistance Center, toll free, at 1-877-FEMA MAP (1-877-336-2627).

Sincerely,



Max H. Yuan, P.E., Project Engineer  
Hazards Study Branch  
Federal Insurance and  
Mitigation Administration

For: Matthew **B.** Miller, P.E., Chief  
Hazards Study Branch  
Federal Insurance and  
Mitigation Administration

Enclosures

cc: Mr. Rod H. Kubomoto  
Assistant Deputy Director  
Watershed Management Division  
Department of Public Works  
County of Los Angeles

  
Senior Project Manager  
Sikand Engineering Associates

# CHANGES ARE MADE IN DETERMINATIONS OF BASE FLOOD ELEVATIONS FOR THE UNINCORPORATED AREAS OF LOS ANGELES COUNTY, CALIFORNIA, UNDER THE NATIONAL FLOOD INSURANCE PROGRAM

On July 6, 1998, the Federal Emergency Management Agency identified Special Flood Hazard Areas (SFHAs) in the unincorporated areas of Los Angeles County, California, through issuance of a Flood Insurance Rate Map (FIRM). The Federal Insurance and Mitigation Administration has determined that modification of the elevations of the flood having a 1-percent chance of being equaled or exceeded in any given year (base flood) for certain locations in this community is appropriate. The modified Base Flood Elevations (BFEs) revise the FIRM for the community.

The changes are being made pursuant to Section 206 of the Flood Disaster Protection Act of 1973 (Public Law 93-234) and are in accordance with the National Flood Insurance Act of 1968, as amended (Title XIII of the Housing and Urban Development Act of 1968, Public Law 90-448), 42 U.S.C. 4001-4128, and 44 CFR Part 65.

A hydraulic analysis was performed to incorporate a revised hydrologic analysis and updated topographic information along the Santa Clara River from the Los Angeles County/Ventura County boundary to State Highway 126; along San Martinez Chiquito Canyon from its confluence with the Santa Clara River to approximately 9,000 feet upstream; and along San Martinez Grande Canyon Creek from its confluence with the Santa Clara River to approximately 6,000 feet upstream. This has resulted in increases and decreases in SFHA width for all three above-referenced streams, increased BFEs for the Santa Clara River, and decreased BFEs for San Martinez Chiquito Canyon. The table below indicates existing and modified BFEs for selected locations along the affected lengths of the flooding source(s) cited above.

Location	Existing BFE (feet)*	Modified BFE (feet)*
Santa Clara River:		
Approximately 100 feet upstream of Ventura County boundary	None	841
At State Highway 126	None	1,064
San Martinez Chiquito Canyon:		
At Southern Pacific Railroad	2 <sup>#</sup>	None
Approximately 9,000 feet upstream of confluence with Santa Clara River	2 <sup>#</sup>	None

\*National Geodetic Vertical Datum, rounded to nearest whole foot  
Depth in feet above ground

Under the above-mentioned Acts of 1968 and 1973, the Federal Insurance and Mitigation Administration must develop criteria for floodplain management. To participate in the National Flood Insurance Program (NFIP), the community must use the modified BFEs to administer the floodplain management measures of the NFIP. These modified BFEs will also be used to calculate the appropriate flood insurance premium rates for new buildings and their contents and for the second layer of insurance on existing buildings and contents.

Upon the second publication of notice of these changes in this newspaper, any person has 90 days in which he or she can request, through the Chief Executive Officer of the community, that the Federal Insurance and Mitigation Administration reconsider the determination. Any request for reconsideration

must be based on knowledge **of** changed conditions or new scientific or technical data. All interested parties are on notice that until the 90-day period elapses, the Federal Insurance and Mitigation Administration's determination to modify the BFEs may itself be changed.

Any person having knowledge or wishing to comment on these changes should immediately notify:

The Honorable Zev Yaroslavsky  
Chairperson, Los Angeles County  
Board of Supervisors  
**821** Kenneth Hahn Hall **of** Administration  
500 West Temple Street  
Los Angeles, CA **90012**

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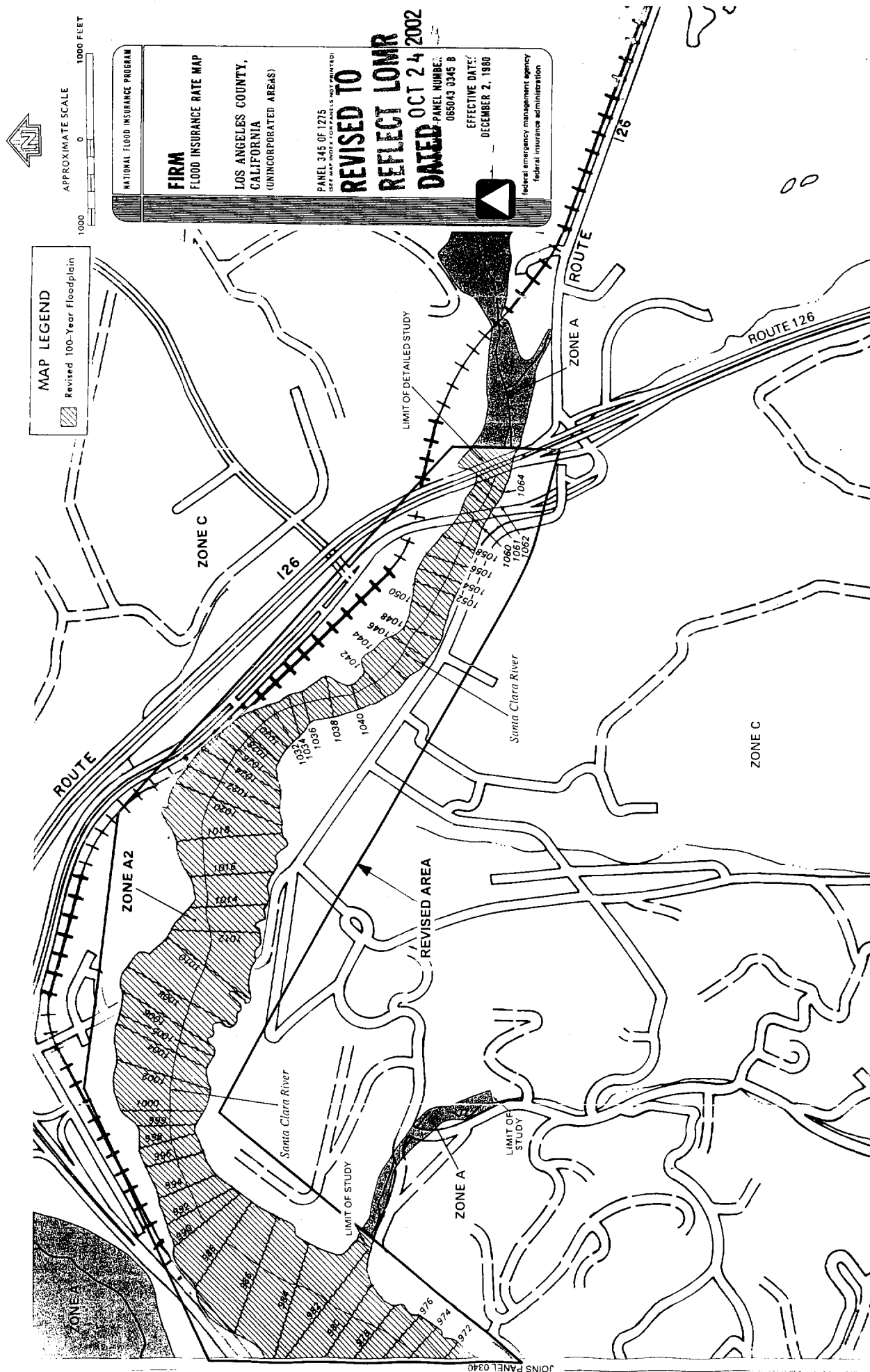


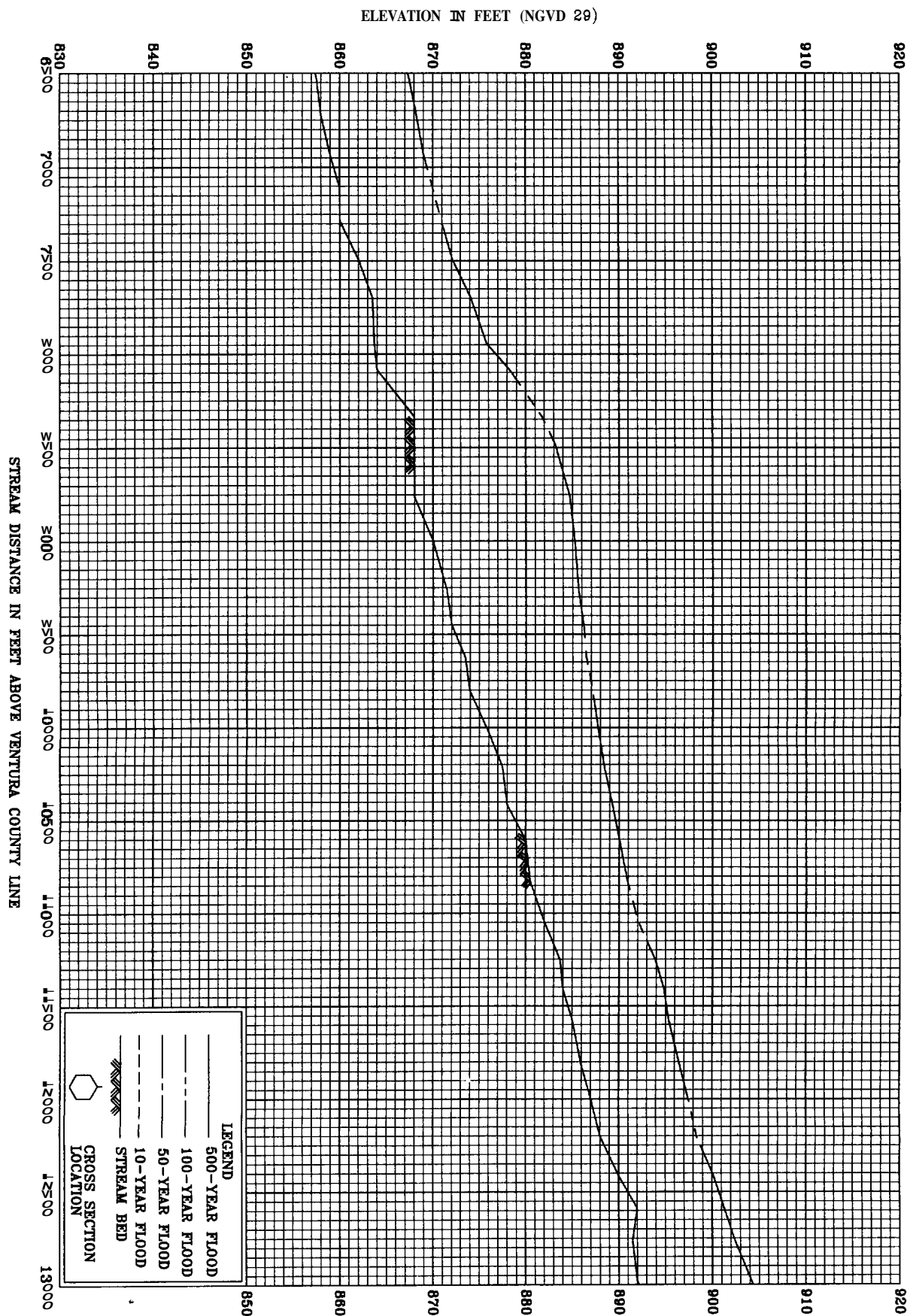
TABLE 1 Summary of Discharges (Cont'd)

Flooding Source and Location	Drainage Area (Square Miles)	Peak Discharges (Cubic Feet per Second)			
		10-Year	50-Year	100-Year	500-Year
Santa Clarita Valley (Cont'd)					
Wildwood Canyon Approximately 600 Feet Upstream of Intersection of Valley Street and Maple Street	0.23	-- <sup>0</sup>	-- <sup>1</sup>	072	279
South Fork Santa Clara River Approximately 600 Feet Downstream of Golden State Freeway	12.8	-- <sup>0</sup>	-- <sup>0</sup>	2,407	13,592
South Fork Santa Clara River Approximately 500 Feet Downstream of Wiley Canyon Road	12.9	-- <sup>1</sup>	-- <sup>1</sup>	2,483	13,704
REVISED DATA					
Santa Clara River Approximately 2,600 Feet Upstream of Los Angeles Aqueduct	235.4	-- <sup>1</sup>	-- <sup>1</sup>	15,182	26,369
At Confluence With Castaic Creek	410.0	-- <sup>1</sup>	-- <sup>1</sup>	40,300	-- <sup>1</sup>
At Interstate Highway 5	640.0	-- <sup>1</sup>	-- <sup>1</sup>	60,000	-- <sup>1</sup>
Approximately 1,800 Feet South of Intersection of San Fernando Road and Magic Mountain Parkway	1.9	-- <sup>0</sup>	-- <sup>0</sup>	1,437	2,495
Bouquet Canyon Approximately 2,600 Feet Upstream of Bouquet Canyon Road	32.1	-- <sup>0</sup>	-- <sup>0</sup>	11,107	22,107
Plum Canyon Approximately 2,350 Feet Upstream of Bouquet Canyon Road	3.4	-- <sup>0</sup>	-- <sup>0</sup>	1,942	3,453
Maskell Canyon Approximately 1,300 Feet Downstream of Headworks	4.7	-- <sup>0</sup>	-- <sup>1</sup>	5,323	10,512

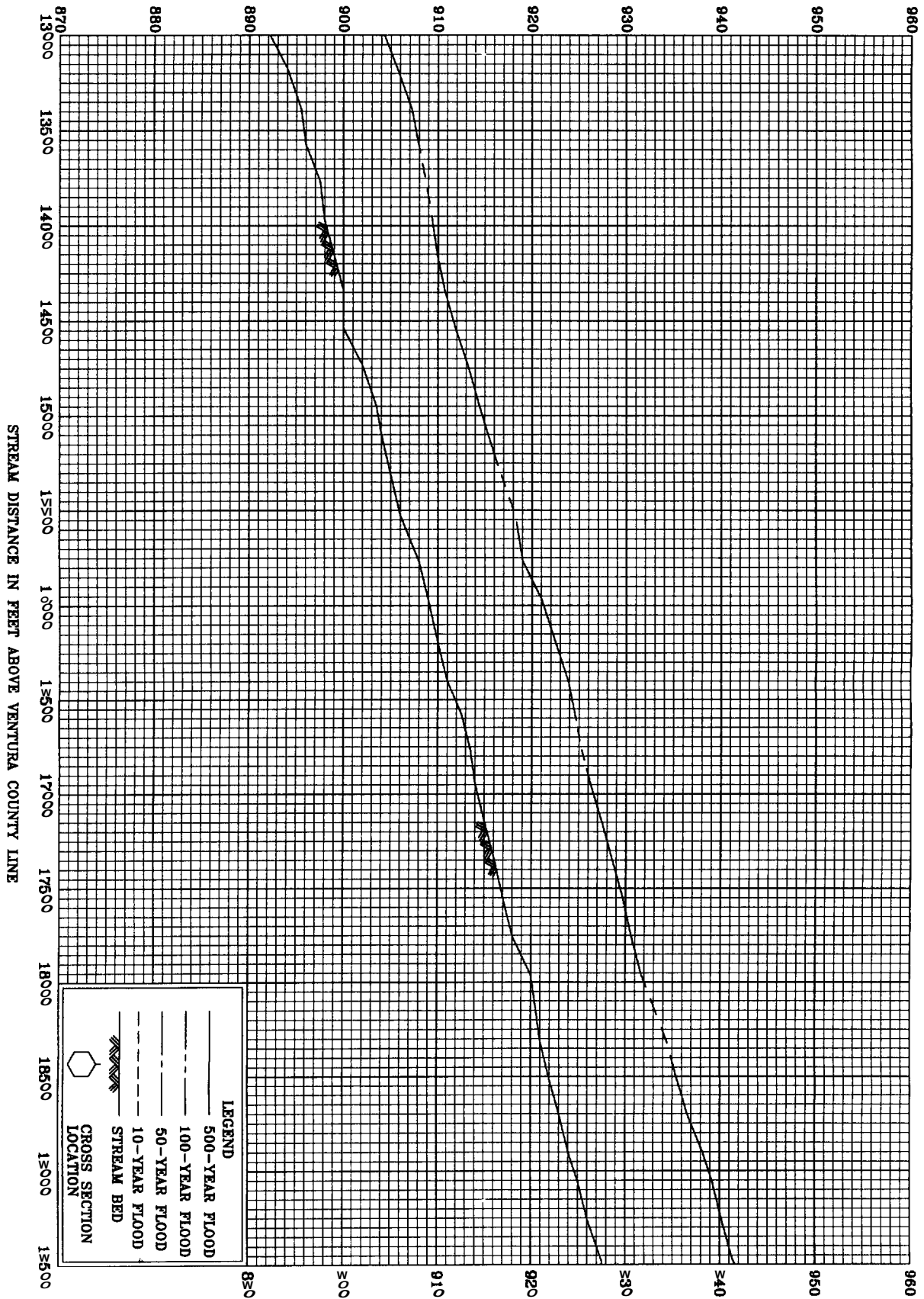
<sup>1</sup>Not Computed

**REVISED TO  
REFLECT LOMR  
DATED OCT 24 2002**





ELEVATION IN FEET (NGVD 29)

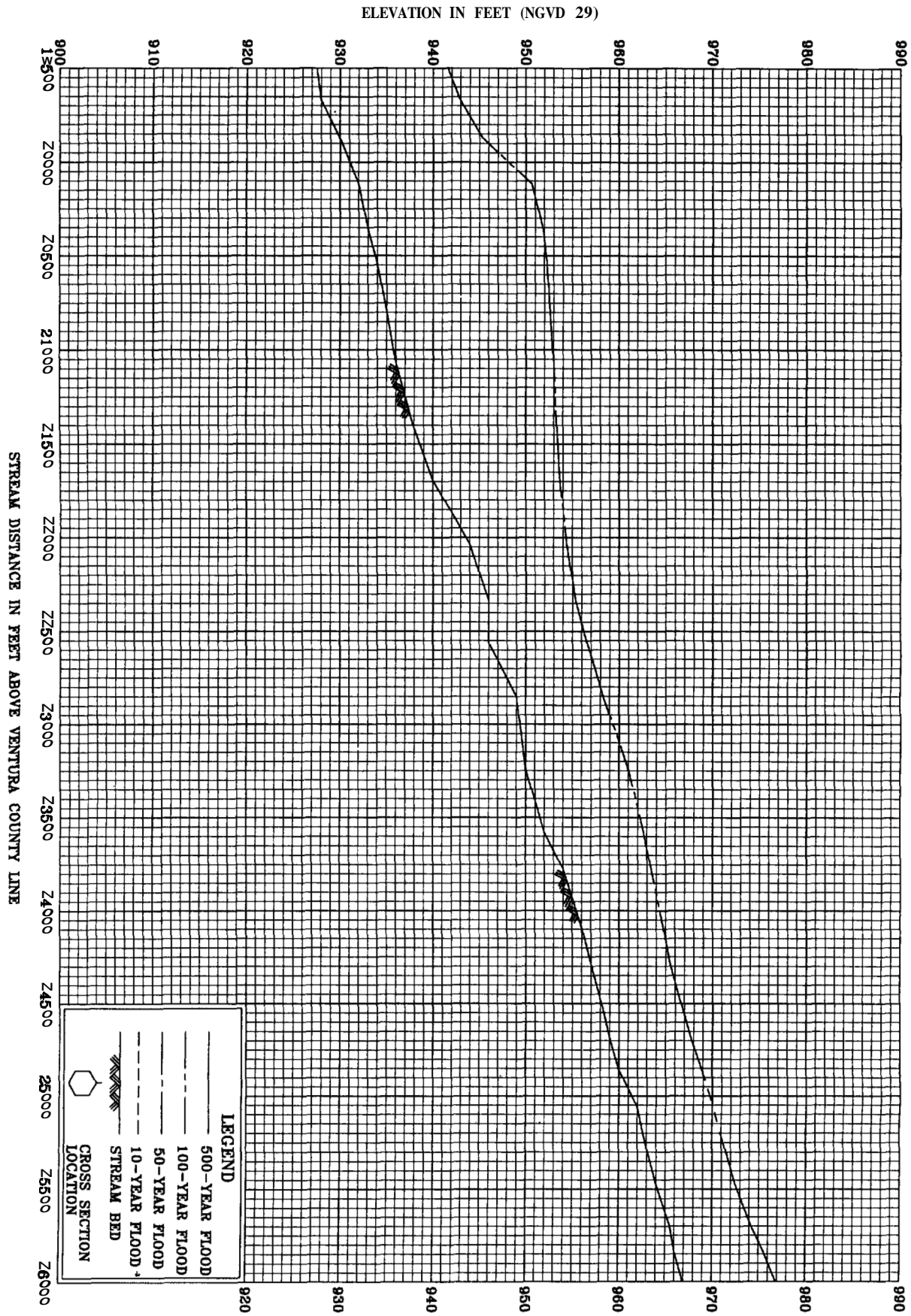


FEDERAL EMERGENCY MANAGEMENT AGENCY

LOS ANGELES COUNTY, CA  
(UNINCORPORATED AREAS)

FLOOD PROFILES

REVISED TO REFLECT LOMR  
DATED OCT 24 2002

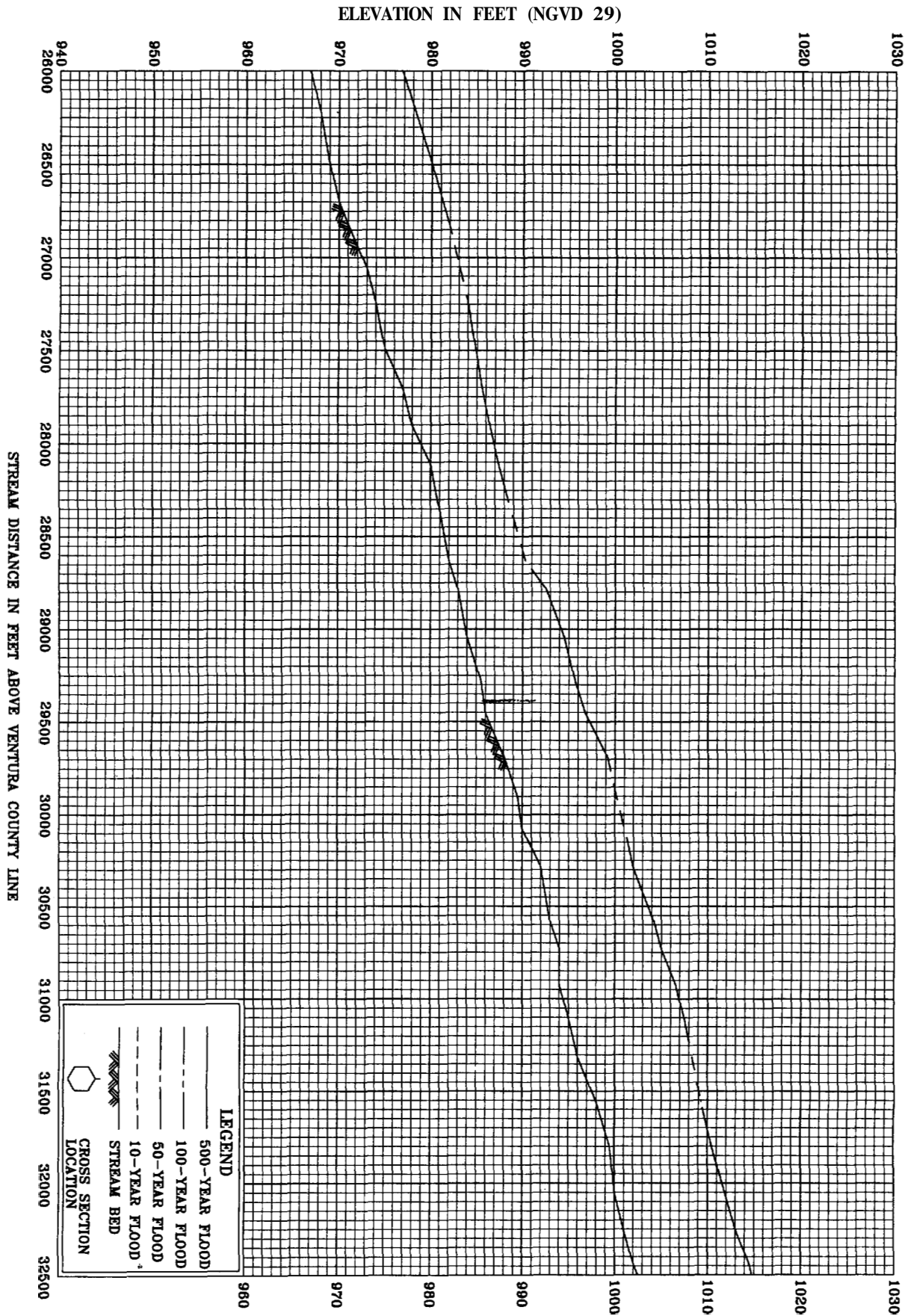


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FEDERAL EMERGENCY MANAGEMENT AGENCY  
LOS ANGELES COUNTY, CA  
(UNINCORPORATED AREAS)

FLOOD PROFILES

REVISED TO REFLECT LOMB  
DATED OCT 24 2002

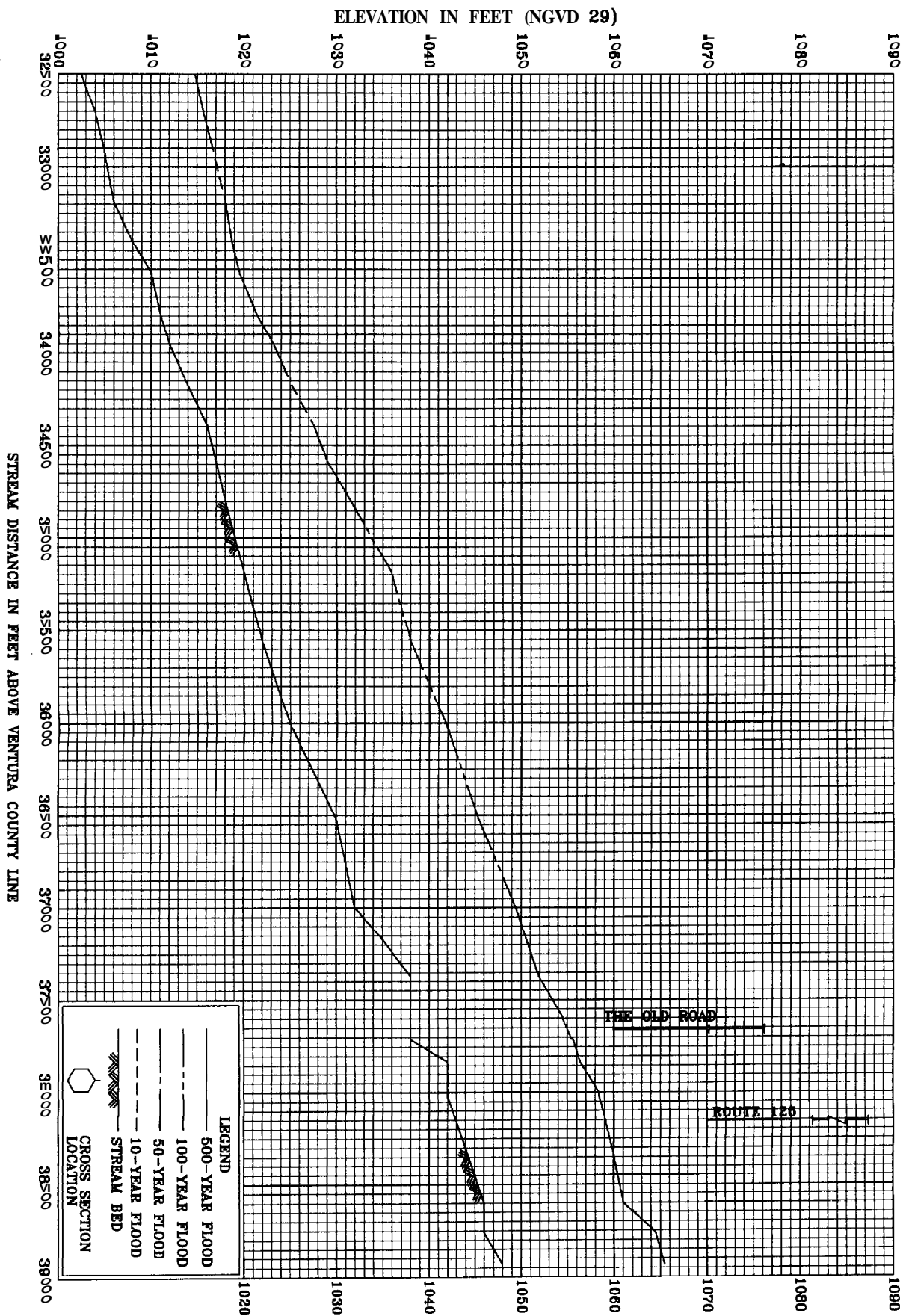


FEDERAL EMERGENCY MANAGEMENT AGENCY  
LOS ANGELES COUNTY, CA  
(UNINCORPORATED AREAS)

## FLOOD PROFILES

REVISED TO SANTA CLARA RIVER

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DATED OCT 24 2002



FEDERAL EMERGENCY MANAGEMENT AGENCY  
LOS ANGELES COUNTY, CA  
(UNINCORPORATED AREAS)

# FLOOD PROFILES

REVISED TO 8A SANTA CLARA RIVER

REFLECT LOMR  
DATED OCT 24 2002



